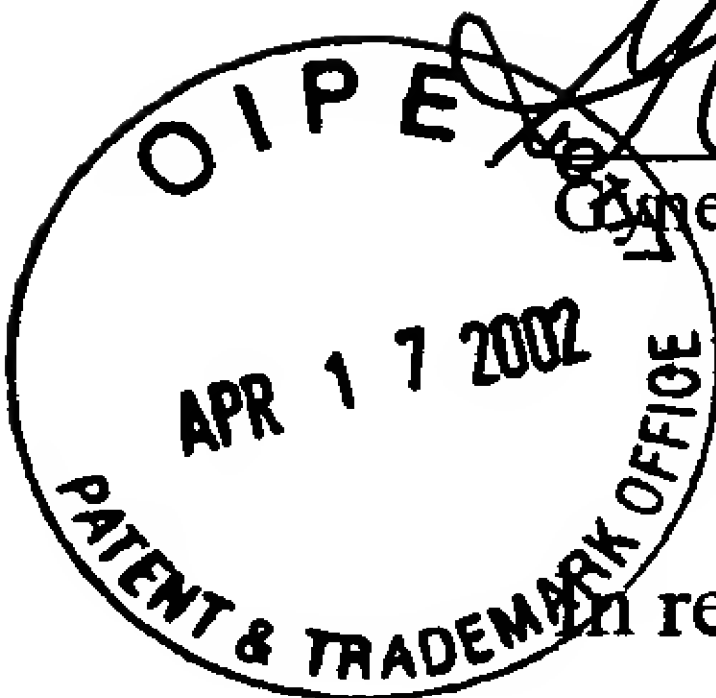


I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: BOX SEQUENCE, Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 April 10, 2002.



Gene Riser

Date

04.10.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WEINER et al.

Serial No.: 08/823,980

Group Art: 1644

Filing Date March 25, 1997

Examiner: R. Schwadron

For : CONSERVED MOTIF OF HEPATITIS C VIRUS E2/NS1 REGION

COMMUNICATION

Assistant Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

In response to the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures" mailed April 2, 2002, Applicants hereby submit a substitute paper copy of the sequence listing and a new computer-readable copy of the sequence listing containing section (1) (vii) as requested. Applicant's do not believe that a preliminary amendment is required as there are no changes to the specification.

Respectfully submitted,

Dated: Apr 10, 2002

By:

Rebecca M. Hale

Rebecca M. Hale
Reg. No. 45,680

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, CA 94608
(510) 923-3179
(510) 655-3542 (Fax)

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APR 19 2002

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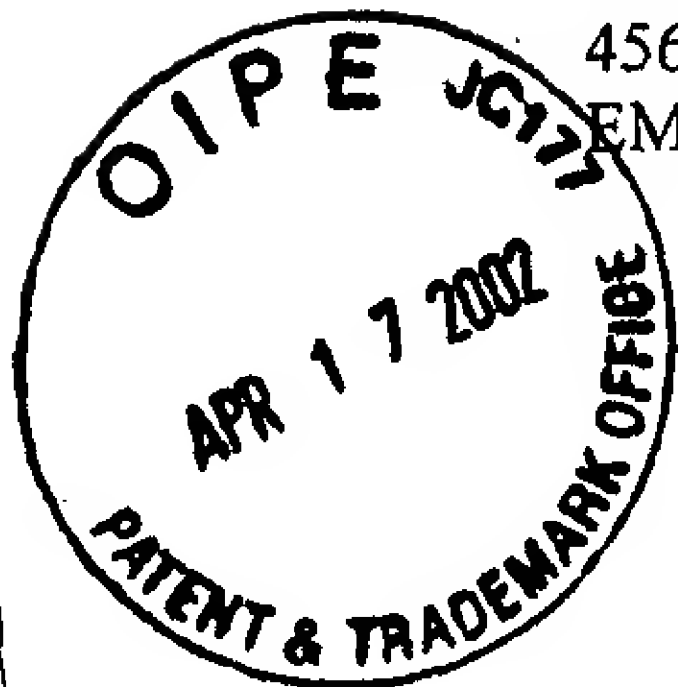


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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/823,980	03/25/1997	AMY J. WEINER	CHIR-0108	8052

7590 04/02/2002
ALISA A. HARBIN, ESQ
CHIRON CORPORATION
INTELLECTUAL PROPERTY
4560 HORTON STREET
EMERYVILLE, CA 946082916



EXAMINER
SCHWADRON, RONALD B
ART UNIT
PAPER NUMBER

1644

DATE MAILED: 04/02/2002

COPY

Please find below and/or attached an Office communication concerning this application or proceeding.

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DOCKETED on/by 4/8/02/omd
Atty. AAH PA
File # PP00938 105
Due Date 5/2/02 Ext SL5
Final Date 10/2/02 SL5



UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

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EXAMINER	
ART UNIT	PAPER NUMBER

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

The submitted CRF and Sequence in paper copy lack mandatory section (1) (vii) (see preJuly 1998 sequence rules, section 37 CFR 1.823(b)), wherein parent applications 08/ 757 958 and 08/061699 should be listed.

Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

Any inquiry concerning this communication should be directed to Examiner Ron Schwadron, Ph.D., Art Unit 1644, whose telephone number is (703) 308-4680. Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

RONALD B. SCHWADRON
PRIMARY EXAMINER
GROUP 1800 (602)

Ron Schwadron, Ph.D.
Art Unit 1644

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: see ENCLOSED note

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE